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Hamman et al.

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(54) **CELL WASHING DEVICE USING A WAVE**

(56) **References Cited**

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OTHER PUBLICATIONS

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(57) **ABSTRACT**

A system is disclosed for washing a selected component and removing the selected component from a wash material. The selected component may include red blood cells that are washed to remove a rejuvenating solution. The red blood cells may then be removed with various systems, such as a standing acoustic wave system from the wash solution. Pumps and flow restrictors that provide steady flow from pumps that generate pulsed flow are also disclosed.

29 Claims, 13 Drawing Sheets

